CIRCUIT DIAGRAMS

VOL.6

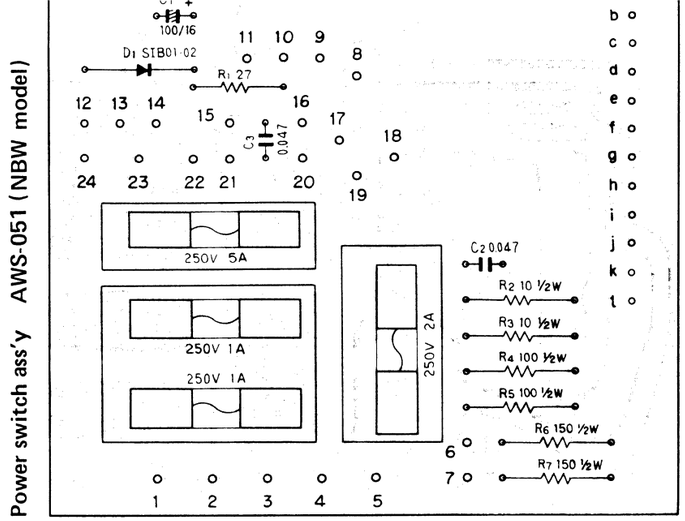
399-429

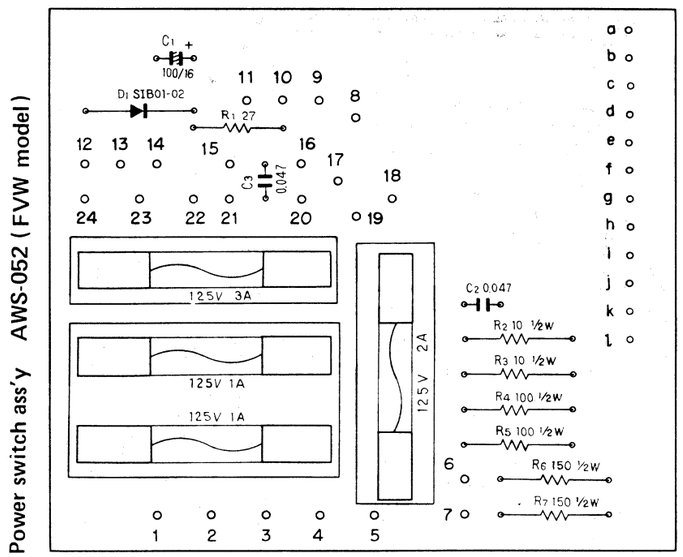
FOR PIONEER AUDIO EQUIPMENTS

Including
STEREO RECEIVER
4-CHANNEL RECEIVER
STEREO TUNER

397-429

PIONEER®





NOTE: This series comes in model SX-300, SX-300D and SX-300W.

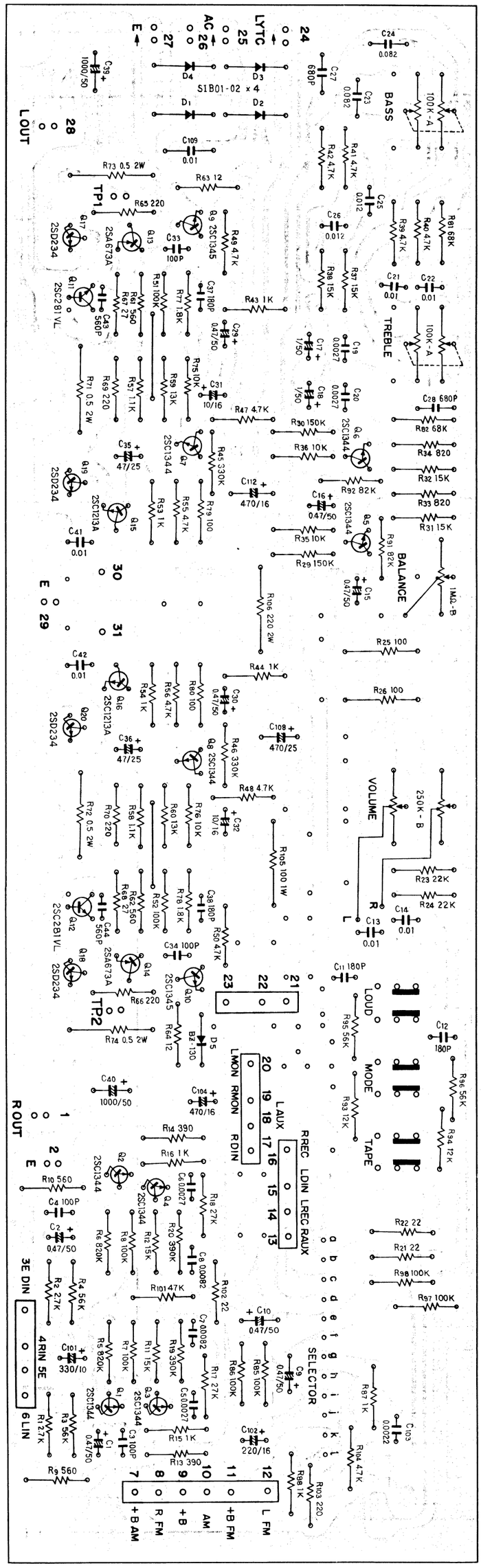
AM/FM STEREO RECEIVER

397

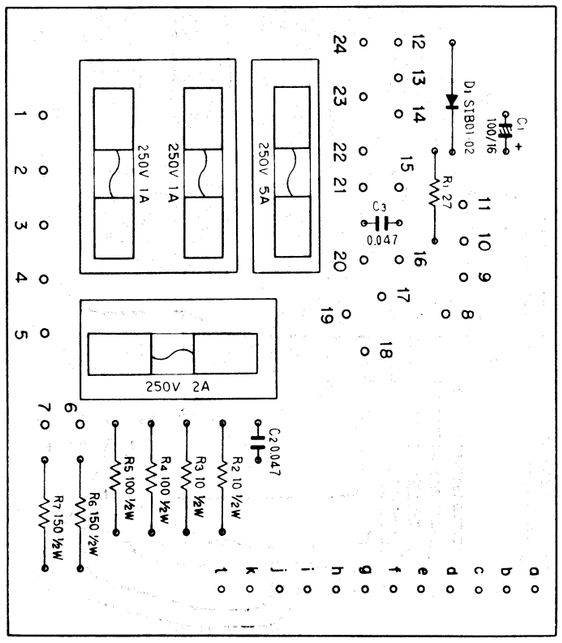
SX-300

NBW FVW

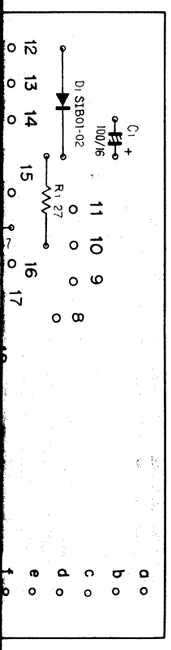
AF amp ass'y AWK-028



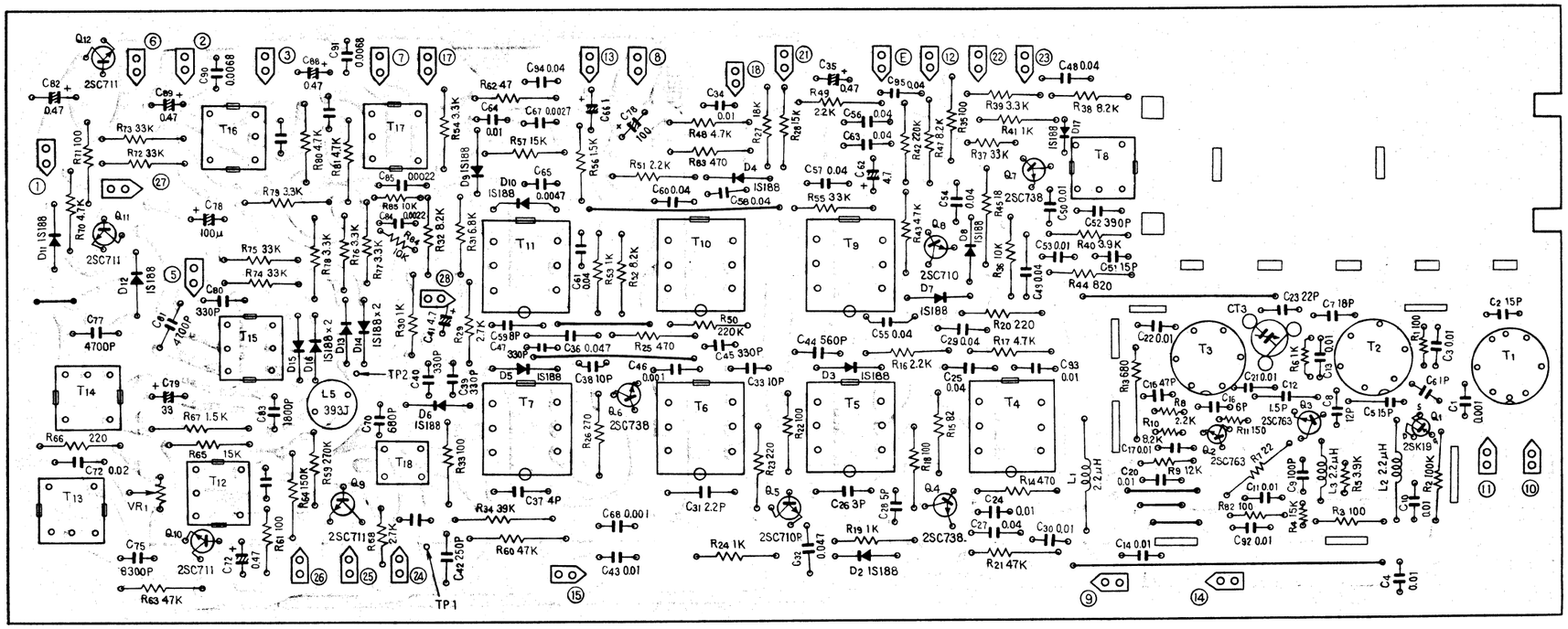
Power switch ass'y AWS-051 (NBW model)



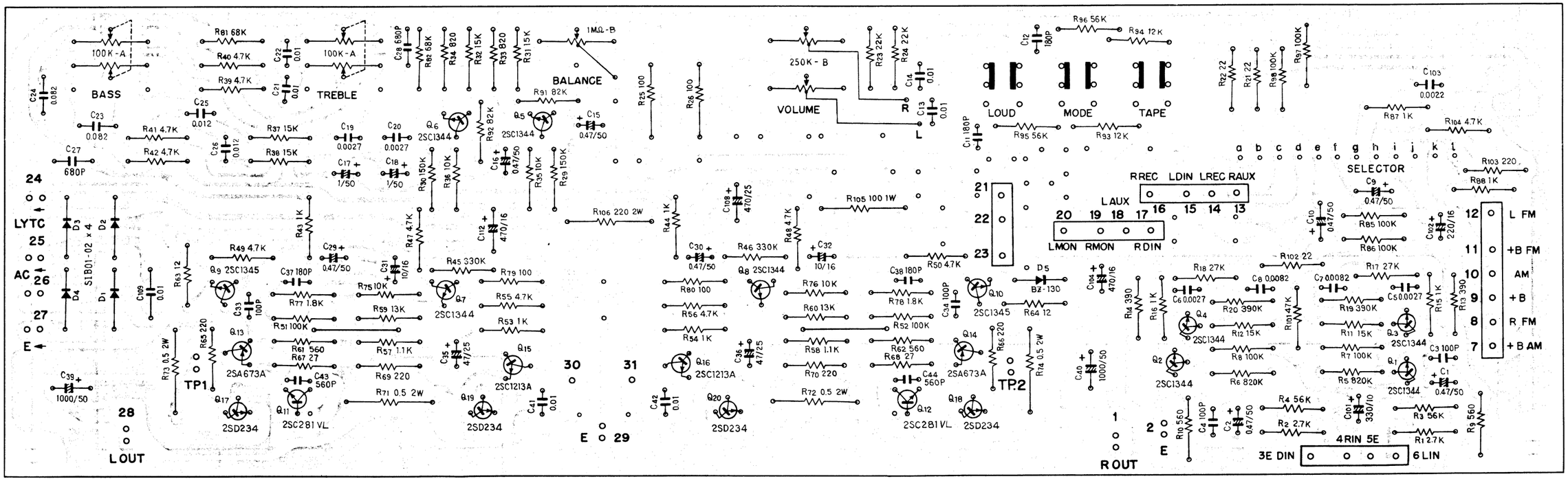
model)



Tuner ass'y AWE-004

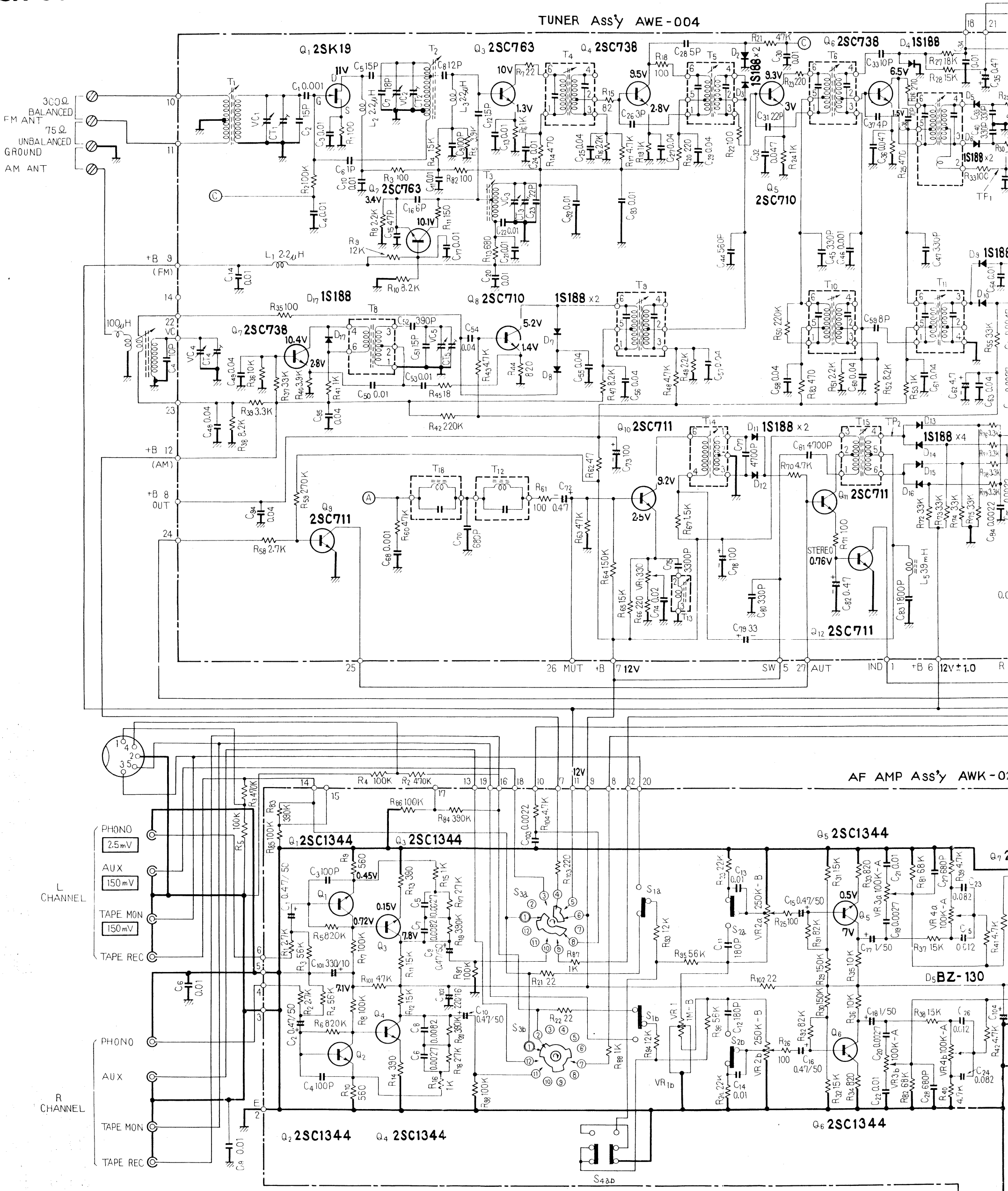


AF amp ass'y AWK-028



SX-300

TUNER Ass'y AWE-004



SWITCHES

- S_1 TAPE MONITOR (OFF position)
- S_2 LOUDNESS (OFF position)
- S_3 FUNCTION (AM position)
  - 1 AM
  - 2 FM
  - 3 PHONO
  - 4 AUX
- S_4 MODE (STEREO position)
- S_5 SPEAKERS (POWER OFF position)
  - 1 POWER OFF
  - 2 A
  - 3 SPEAKER OFF
  - 4 B
  - 5 A+B

POTENTIOMETERS

- VR_1 BALANCE
- VR_2 VOLUME
- VR_3 TREBLE
- VR_4 BASS

V : DC VOLTAGE AT NO INPUT SIGNAL.

□ : SIGNAL VOLTAGE NECESSARY FOR OBTAINING 8W/8Ω OUTPUT POWER (1KHz).

AWE-004

LAMP Ass'y AWX-055

AF AMP Ass'y AWK-028

POWER SWITCH Ass'y AWS-051

POWER SUPPLY CIR

: DC VOLTAGE AT NO INPUT SIGNAL.
: SIGNAL VOLTAGE NECESSARY FOR OBTAINING 8W/8Ω OUTPUT POWER (1KHz).

LAMP Ass'y AWX-055

STEREO INDICATOR 6V 0.03A

FUSE 1A(110/120/130V) 0.5A(220/240V)

AC OUTLETS SWITCHED UNSWITCHED

AC 7.1V

AC 24V

240V 220V 130V 120V 110V

AC 110/120/130 220/240V 50/60Hz

POWER SWITCH

POWER SWITCH Ass'y AWS-051

FUSE 5A

D_1 SIB01-02

S_5

L(A) L(B) SPEAKER 8V

HEADPHONE

R(A) R(B) SPEAKER 8V

FUSE 2A

FUSE 1A×2

S_5-F S_5-R

Q_9 2SC1345 Q_{13}, Q_{14} 2SA673A ×2

Q_{11}, Q_{12} 2SC281×2

Q_{17} 2SD234

Q_{15}, Q_{16} 2SC1213A ×2

Q_{10} 2SC1345

Q_{18} 2SD234

Q_{19}, Q_{20} 2SD234 ×2

2SC1344

2SC1344

D_1~D_4 SIB01-02 ×4

TP-1 TP-2

POWER SUPPLY CIRCUIT FOR 220V ONLY MODEL

AC 220V 50/60Hz

FUSE 5A

D_1 SIB01-02

POWER SWITCH Ass'y AWS-051